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4555-121 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Susan Walker Kahne

Serial No: 10/748,335

Group Art Unit: TBA

Filed: December 30, 2003

Examiner: TBA

Title: Identification Of Active-Site Inhibitors Of Glycosyltransferases Using A Generalizable High-Throughput Screen

Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

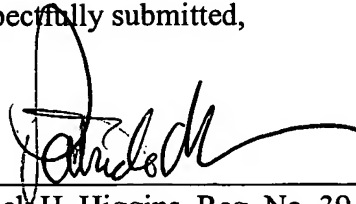
Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted prior to the 1st office action.

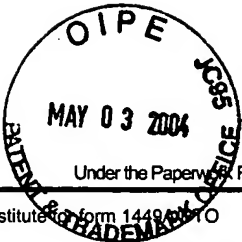
It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Patrick H. Higgins', written over a horizontal line.

Patrick H. Higgins, Reg. No. 39,709
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449, PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/748,335
Filing Date	December 30, 2003
First Named Inventor	Kahne, Susan Walker
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	4555-121 US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	PEDRO M. COUTINHO, et al., "An Evolving Hierarchical Family Classification for Glycosyltransferases", J. Mol. Biol. (2003) 328, 307-317	
	2	Clifford D. Mol, et al., "Crystal Structures of Active Fully Assembled Substrate-and Product-Bound Complexes of UDP-N-Acetylmuramic Acid: -Alanine Ligase (MurC) from Haemophilus influenzae", Journal of Bacteriology, July 2003, Vol 185, No. 14, p. 4152-4162	
	3	JAY A. BERTRAND, et al., "Crystal structure of UDP-N-acetylmuramoyl-L-alanine:D-glutamate ligase from Escherichia coli", The EMBO Journal, vol. 16, No. 12, pp.3416-3425, 1997	
	4	AHMED BOUHSS, et al., "Identification of the UDP-MurNAc-Pentapeptide: -Alanine Ligase for Synthesis of Branched Peptidoglycan Precursors in Enterococcus faecalis", Journal of Bacteriology, September 2001, p. 5122-5127, Vol. 183, No. 17	
	5	JEAN VAN HEIJENOORT, "Recent advances in the formation of the bacterial peptidoglycan monomer unit", National Prod. Rep., 2001, 18, p. 503-519	

Examiner
SignatureDate
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.